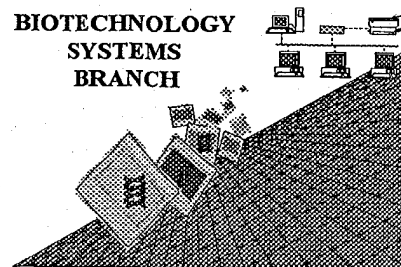


Sociaya

RAW SEQUENCE LISTING ERROR REPORT

BIOTECHNOLOGY
SYSTEMS
BRANCH



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following CRF diskette:

Application Serial Number: 09/269250
Art Unit / Team No. : 1655
Date Processed by STIC: 2/29/2000

THE ATTACHED PRINTOUT EXPLAINS THE ERRORS DETECTED.

PLEASE BE SURE TO FORWARD THIS INFORMATION TO THE APPLICANTS BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANTS ALONG WITH A NOTICE TO COMPLY or,**
- 2) CALLING APPLICANTS AND FAXING THEM A COPY OF THE PRINTOUT WITH A NOTICE TO COMPLY**

THIS WILL INSURE THAT THE NEXT SUBMISSION RECEIVED FROM THEM WILL BE ERROR FREE.

IF YOU HAVE ANY FURTHER QUESTIONS, PLEASE CALL:

MARK SPENCER 703-308-4212

RECEIVED
MAR 10 2000
TC 1600 MAIL ROOM

Raw Sequence Listing Error Summary

ERROR DETECTED SUGGESTED CORRECTION

SERIAL NUMBER: 09/269,250

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 ☐ **Wrapped Nucleics** The number/text at the end of each line "wrapped" down to the next line.
This may occur if your file was retrieved in a word processor after creating it.
Please adjust your right margin to .3, as this will prevent "wrapping".

- 2 ☐ **Wrapped Aminos** The amino acid number/text at the end of each line "wrapped" down to the next line.
This may occur if your file was retrieved in a word processor after creating it.
Please adjust your right margin to .3, as this will prevent "wrapping".

- 3 ☐ **Incorrect Line Length** The rules require that a line not exceed 72 characters in length. This includes spaces.

- 4 ☐ **Misaligned Amino Acid Numbering** The numbering under each 5th amino acid is misaligned. This may be caused by the use of tabs between the numbering. It is recommended to delete any tabs and use spacing between the numbers.

- 5 ☐ **Non-ASCII** This file was not saved in ASCII (DOS) text, as required by the Sequence Rules.
Please ensure your subsequent submission is saved in ASCII text so that it can be processed.

- 6 ☐ **Variable Length** Sequence(s) _____ contain n's or Xaa's which represented more than one residue.
As per the rules, each n or Xaa can only represent a single residue.
Please present the maximum number of each residue having variable length and indicate in the (ix) feature section that some may be missing.

- 7 ☐ **PatentIn ver. 2.0 "bug"** A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequence(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence.

- 8 ☐ **Skipped Sequences (OLD RULES)** Sequence(s) _____ missing. If intentional, please use the following format for each skipped sequence:
(2) INFORMATION FOR SEQ ID NO:X:
(i) SEQUENCE CHARACTERISTICS:(Do not insert any headings under "SEQUENCE CHARACTERISTICS")
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X:
This sequence is intentionally skipped

Please also adjust the "(iii) NUMBER OF SEQUENCES:" response to include the skipped sequence(s).

- 9 ☐ **Skipped Sequences (NEW RULES)** Sequence(s) _____ missing. If intentional, please use the following format for each skipped sequence.
<210> sequence id number
<400> sequence id number
000

- 10 ☒ **Use of n's or Xaa's (NEW RULES)** Use of n's and/or Xaa's have been detected in the Sequence Listing.
Use of <220> to <223> is MANDATORY if n's or Xaa's are present.
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

- 11 ☐ **Use of <213>Organism (NEW RULES)** Sequence(s) _____ are missing this mandatory field or its response.

- 12 ☐ **Use of <220>Feature (NEW RULES)** Sequence(s) _____ are missing the <220>Feature and associated headings.
Use of <220> to <223> is MANDATORY if <213>ORGANISM is "Artificial" or "Unknown"
Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 6/01/98, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of new Rules)

- 13 ☐ **PatentIn ver. 2.0 "bug"** Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing).
Instead, please use "File Manager" or any other means to copy file to floppy disk.

AKS-Biotechnology Systems Branch- 5/15/99

J. Souaya

1655

RECEIVED

PAGE: 1

RAW SEQUENCE LISTING

MAR 10 2000 PATENT APPLICATION US/09/269,250

DATE: 03/02/2000
TIME: 14:35:37

TC 1600 MAIL ROOM

Input Set: I269250.RAW

This Raw Listing contains the General Information
Section and up to first 5 pages.

PP 514

Does Not Comply
Corrected Diskette Needed

1 <110> APPLICANT: Goulmy, Els
2 <120> TITLE OF INVENTION: METHOD FOR TYPING OF MINOR HISTOCOMPATIBILITY ANTIGEN
3 HA-1
4 <130> FILE REFERENCE: 58994
5 <140> CURRENT APPLICATION NUMBER: US/09/269,250
6 <141> CURRENT FILING DATE: 1999-05-21
7 <160> NUMBER OF SEQ ID NOS: 42
8 <170> SOFTWARE: PatentIn Ver. 2.1
9 <210> SEQ ID NO 1
10 <211> LENGTH: 377
11 <212> TYPE: DNA
12 <213> ORGANISM: HUMAN
13 <400> SEQUENCE: 1
14 gtgagagcca cggggacacc gaggcctggg tggaagacag agccagaccc aagggaggat 60
15 ggagggagggg acttggggag gctcagaagg gagggagggt cagatggcag ggagggctgt 120
16 gtggaagagg ccatgacagc taaggctctg agggatgtgt aggagtgttg tgggggagtc 180
17 cctgagcgta cactggctca agaggggtgc cactttattt tttttaaggg atctgatggc 240
18 aattaggagg gaaaggcaga ggaaatgtcc catgcacagg ctcagaaaca cggaaacaga 300
19 gaatgcattt gggggccaag gtgtgggggt cgcgtggtgt aggatgaagg catgacaacg 360
20 ccaggcagaa gggcaat 377
21 <210> SEQ ID NO 2
22 <211> LENGTH: 20
23 <212> TYPE: DNA
24 <213> ORGANISM: Artificial Sequence
25 <220> FEATURE:
26 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER
27 <400> SEQUENCE: 2
28 gtgctgcctc ctggacactg 20
29 <210> SEQ ID NO 3
30 <211> LENGTH: 20
31 <212> TYPE: DNA
32 <213> ORGANISM: Artificial Sequence
33 <220> FEATURE:
34 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER
35 <400> SEQUENCE: 3
36 tggctctcac cgtcatgcag 20
37 <210> SEQ ID NO 4
38 <211> LENGTH: 20
39 <212> TYPE: DNA
40 <213> ORGANISM: Artificial Sequence
41 <220> FEATURE:
42 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER
43 <400> SEQUENCE: 4
44 tggctctcac cgtcacgcaa 20

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/269,250DATE: 03/02/2000
TIME: 14:35:37

Input Set: I269250.RAW

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50 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER
51 <400> SEQUENCE: 5
52   gcattctctg tttccgtgtt                                20
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55 <212> TYPE: DNA
56 <213> ORGANISM: Artificial Sequence
57 <220> FEATURE:
58 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER
59 <400> SEQUENCE: 6
60   cttaaggagt gtgtgctgca                                20
61 <210> SEQ ID NO 7
62 <211> LENGTH: 20
63 <212> TYPE: DNA
64 <213> ORGANISM: Artificial Sequence
65 <220> FEATURE:
66 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER
67 <400> SEQUENCE: 7
68   cttaaggagt gtgtgttgcg                                20
69 <210> SEQ ID NO 8
70 <211> LENGTH: 20
71 <212> TYPE: DNA
72 <213> ORGANISM: Artificial Sequence
73 <220> FEATURE:
74 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER
75 <400> SEQUENCE: 8
76   gctgtcatgg cctcttcac                                  20
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78 <211> LENGTH: 20
79 <212> TYPE: DNA
80 <213> ORGANISM: Artificial Sequence
81 <220> FEATURE:
82 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER
83 <400> SEQUENCE: 9
84   gcattctctg tttccgtgtt                                20
85 <210> SEQ ID NO 10
86 <211> LENGTH: 20
87 <212> TYPE: DNA
88 <213> ORGANISM: Artificial Sequence
89 <220> FEATURE:
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91 <400> SEQUENCE: 10
92   ggcagagagc cctcgagcc                                  20
93 <210> SEQ ID NO 11
94 <211> LENGTH: 18
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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/269,250DATE: 03/02/2000
TIME: 14:35:37

Input Set: I269250.RAW

95 <212> TYPE: DNA
96 <213> ORGANISM: Artificial Sequence
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98 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER
99 <400> SEQUENCE: 11
100 gtgtgttgcg tgacggtg 18
101 <210> SEQ ID NO 12
102 <211> LENGTH: 15
103 <212> TYPE: DNA
104 <213> ORGANISM: Artificial Sequence
105 <220> FEATURE:
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107 <400> SEQUENCE: 12
108 gtgtgttgcg tgacg 15
109 <210> SEQ ID NO 13
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111 <212> TYPE: DNA
112 <213> ORGANISM: Artificial Sequence
113 <220> FEATURE:
114 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER
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116 tgtgtgttgc gtgacg 16
117 <210> SEQ ID NO 14
118 <211> LENGTH: 19
119 <212> TYPE: DNA
120 <213> ORGANISM: Artificial Sequence
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123 <400> SEQUENCE: 14
124 tgtgtgctgc atgacggtg 19
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126 <211> LENGTH: 18
127 <212> TYPE: DNA
128 <213> ORGANISM: Artificial Sequence
129 <220> FEATURE:
130 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER
131 <400> SEQUENCE: 15
132 tgtgtgctgc atgacggt 18
133 <210> SEQ ID NO 16
134 <211> LENGTH: 18
135 <212> TYPE: DNA
136 <213> ORGANISM: Artificial Sequence
137 <220> FEATURE:
138 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER
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141 <210> SEQ ID NO 17
142 <211> LENGTH: 9
143 <212> TYPE: PRT
144 <213> ORGANISM: HUMAN

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RAW SEQUENCE LISTING PATENT APPLICATION US/09/269,250

DATE: 03/02/2000
TIME: 14:35:37

Input Set: I269250.RAW

W--> 145 <400> SEQUENCE: 17 *see item 10 in EMBL summary sheet*
 146 Val Leu Xaa Asp Asp Leu Leu Glu Ala
 147 1 5
 148 <210> SEQ ID NO 18
 149 <211> LENGTH: 25
 150 <212> TYPE: DNA
 151 <213> ORGANISM: Artificial Sequence
 152 <220> FEATURE:
 153 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER
 154 <400> SEQUENCE: 18
 155 gctcctgcat gacgctctgt ctgca 25
 156 <210> SEQ ID NO 19
 157 <211> LENGTH: 24
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 159 <213> ORGANISM: Artificial Sequence
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 162 <400> SEQUENCE: 19
 163 gacgtcgtcg aggacatctc ccat 24
 164 <210> SEQ ID NO 20
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 166 <212> TYPE: DNA
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 172 <210> SEQ ID NO 21
 173 <211> LENGTH: 30
 174 <212> TYPE: DNA
 175 <213> ORGANISM: Artificial Sequence
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 177 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER
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 180 <210> SEQ ID NO 22
 181 <211> LENGTH: 30
 182 <212> TYPE: DNA
 183 <213> ORGANISM: Artificial Sequence
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 185 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER
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 189 <211> LENGTH: 33
 190 <212> TYPE: DNA
 191 <213> ORGANISM: Artificial Sequence
 192 <220> FEATURE:
 193 <223> OTHER INFORMATION: Description of Artificial Sequence: PRIMER
 194 <400> SEQUENCE: 23

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/269,250

DATE: 03/02/2000
TIME: 14:35:37

Input Set: I269250.RAW

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199  <213> ORGANISM: Artificial Sequence
200  <220> FEATURE:
201  <223> OTHER INFORMATION: Description of Artificial Sequence:  PRIMER
202  <400> SEQUENCE: 24
203      ctacttcagg ccacagcaat cgtctccagg                      30
204  <210> SEQ ID NO 25
205  <211> LENGTH: 38
206  <212> TYPE: DNA
207  <213> ORGANISM: HUMAN
208  <400> SEQUENCE: 25
209      gagtgtgtgt tgcgtgacga cctccttgag gcccgccg                      38
210  <210> SEQ ID NO 26
211  <211> LENGTH: 13
212  <212> TYPE: PRT
213  <213> ORGANISM: HUMAN
214  <400> SEQUENCE: 26
215      Glu Cys Val Leu Arg Asp Asp Leu Leu Glu Ala Arg Arg
216      1                      5                      10
217  <210> SEQ ID NO 27
218  <211> LENGTH: 38
219  <212> TYPE: DNA
220  <213> ORGANISM: JUMAN
221  <400> SEQUENCE: 27
222      gagtgtgtgc tgcattgacga cctccttgag gcccgccg                      38
223  <210> SEQ ID NO 28
224  <211> LENGTH: 13
225  <212> TYPE: PRT
226  <213> ORGANISM: HUMAN
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229      1                      5                      10
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231  <211> LENGTH: 38
232  <212> TYPE: DNA
233  <213> ORGANISM: HUMAN
234  <400> SEQUENCE: 29
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236  <210> SEQ ID NO 30
237  <211> LENGTH: 13
238  <212> TYPE: PRT
239  <213> ORGANISM: HUMAN
240  <400> SEQUENCE: 30
241      Glu Cys Val Leu Arg Asp Asp Leu Leu Glu Ala Arg Arg
242      1                      5                      10
243  <210> SEQ ID NO 31
244  <211> LENGTH: 38

```

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

✓ FYI

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VERIFICATION SUMMARY
PATENT APPLICATION US/09/269,250

DATE: 03/02/2000

TIME: 14:35:37

Input Set: I269250.RAW

Line ? Error/Warning

Original Text

146 W "N" or "Xaa" used: Feature required

Val Leu Xaa Asp Asp Leu Leu Glu Ala

286 W "N" or "Xaa" used: Feature required

Tyr Xaa Thr Asp Arg Val Met Thr Val

295 W "N" or "Xaa" used: Feature required

Val Xaa His Asp Asp Xaa Xaa Glu Ala